



**KING COUNTY**  
**APPLICATION DEVELOPER**  
**(INFORMATION SYSTEMS ANALYST II (23))**  
**DEPARTMENT OF EXECUTIVE SERVICES**  
**INFORMATION AND TELECOMMUNICATIONS SERVICES DIVISION**  
**Annual Salary Range: \$55,012 - \$77,525**  
**Job Announcement: 04CY4319**  
**OPEN: 6/1/04      CLOSE: 6/14/04**

**WHO MAY APPLY:** This position is open to the general public. This recruitment may be used to fill one permanent position and one Term-limited Temporary position that is expected to last until 12/31/2005. Both positions are **fully benefited** (healthcare/dental, sick leave, vacation, retirement, etc.).

**WHERE TO APPLY:** Required forms and materials **must** be sent to: Christine Ynzunza, 700 5<sup>th</sup> Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834. Email applications are encouraged at [HRITS@metrokc.gov](mailto:HRITS@metrokc.gov). All application materials are **required**. Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE:** Applications not received at the location specified above and those that are not complete may not be processed.

**FORMS AND MATERIALS REQUIRED:**

- A [King County Application form](http://www.metrokc.gov/ohrm/jobs/JobApplications.htm). Application forms may be found at <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>
- Resume
- A letter of interest detailing your background and describing how you meet or exceed the requirements
- Answers to the supplemental questionnaire and survey

**WORK LOCATION:** 700 Fifth Avenue, Key Tower, Downtown Seattle, WA.

**WORK SCHEDULE:** This position is exempt from the FLSA standards and is not overtime eligible. The work week is normally Monday through Friday 8:00 a.m. to 5:00 p.m. Daily schedule of hours is flexible.

**POSITION PURPOSE:** This position will work independently and as a team member defining requirements, designing, developing, testing and supporting Web and Desktop-based applications.

**PRIMARY JOB DUTIES INCLUDE:**

- Work with clients to plan business processes incorporating new Web and Desktop technology.
- Assist project teams in identifying and determining functional and technical requirements for new Web and Desktop applications.
- Create and oversee detail specifications and prototypes for Web and Desktop applications that meet client requirements.
- Analyze, design, develop, test, document, and implement production applications including integration with legacy applications and databases.
- Develop and oversee test plans and test scenarios based on requirements and specifications including utilization of efficient debugging processes.
- Conduct and participate in quality assurance reviews and peer reviews.
- Develop training plans and train others, as needed.
- Define detailed project plans including work breakdown structures and project tasks to meet requirements and scope.
- Other duties as assigned.

**QUALIFICATIONS:** Bachelor's degree in business, management information systems or computer science or related field is required, or an equivalent combination of experience and education may be substituted. At

least 3 years experience in systems analysis, applications and systems design, development, documentation and testing applications, including 2 years object-oriented development experience with Web-based and Client Server applications. Other qualifications include:

- Experience developing and supporting mission critical Web, Desktop based applications using C#, Access, ASP.NET, Java, VB script, XML, HTTP, HTTPS, HTML, VB, IIS, VPN, Secure FTP, APIs and other Web-based protocols.
- Experience working with SQL Server 7 or 2000 and Access, including developing and maintaining SQL databases, tables, stored procedures, and triggers.
- Knowledge and experience with software development best practices including software development lifecycles (SDLC's).
- Experience developing requirements, creating architecture and detail application design documents and formal testing procedures.
- Familiarity with project management concepts including software change management, configuration management, risk management and project scheduling (Work Breakdown Structure).
- Demonstrated ability to apply excellent customer service skills and techniques.
- The ability to manage multiple projects and competing priorities efficiently.
- The ability to follow established processes and procedures.
- The ability to work independently or as part of a team.

***DESIRABLE QUALIFICATIONS:***

- Development experience in the .NET environment utilizing .NET development tools such as C#, Visual Basic.NET and Visual Studio.NET.
- Experience using Microsoft's Reporting Services
- Certification in Microsoft products such as SQL Server, Visual Basic.NET, ASP.NET and System Architecture and Design.
- Experience developing in a three-tier architecture.
- Use of middleware products, such as IBM's MQ series.

***SELECTION PROCESS:*** Applications will be screened for qualifications, clarity and completeness. The most competitive applicants may be invited to participate in an interview.

***UNION REPRESENTATION:*** This position is represented by the International Federation of Professional and Technical Workers L17 IT bargaining unit.

***CLASS CODE: 440101***

## Supplemental Questionnaire Applications Developer

Please provide a concise written response to the following questions. You will be evaluated on your level and extent of experience, level of technical knowledge and clarity of response. Your response should be limited to no more than 2 pages. Please include your name and job number at the top of each page.

1. Describe your experience performing data modeling, database design and creation of SQL Server or Access databases. Provide details about the most complex database you have designed including Relational Data Base Management System used and number of tables.
2. Describe your design and development experience using **C# or VB.NET**, including details about the application. You should describe the most complex project you've completed, the team size and project duration. Include information regarding your role on the project and tasks that were specifically your responsibility.
3. Describe your design and development experience using **C#, ASP.NET**, including details about the application. You should describe the most complex project you've completed, the team size and project duration. Include information regarding your role on the project and tasks that were specifically your responsibility.
4. Describe your design and development experience using **Access**, including details about the application. You should describe the most complex project you've completed and whether you used Access as the front-end (forms, reports), as a back-end (Data Base) or both. If you did not use Access as the back-end, identify the Data Base System used.
5. Please complete the skills matrix below

Skill	Version	Years of Experience	Month/Year Last Used	Self Rating (1-5) 1=novice 5=expert
<b>Development Tools</b>				
Visual Basic				
Visual Basic .NET				
ASP				
ASP.NET				
Access				
Front End (Forms, Reports, VBA Code)				
Back End (Data Base)				
C#				
<b>eCommerce Design/Development</b>				
<b>Data Base</b>				
- Data Modeling				
- Database Design				
<b>SQL Server</b>				
- Transact SQL (TSQL)				
- Stored Procedures				

- DTS Packages				
<b>Mainframe</b>				
COBOL				
CICS				
VSAM				
Middleware (MQ Series)				
<b>Systems Development Life Cycle</b>				
<b>Requirements Definition Experience</b>				
<b>Project Management</b>				
Work Breakdown Structure				
Task estimates				
Project Scheduling				
Microsoft Project (tool)				